

```
abhinaya@DESKTOP-1HFH7BN:~$ kubectl config view
apiVersion: v1
clusters: null
contexts: null
current-context: ""
kind: Config
preferences: {}
users: null
abhinaya@DESKTOP-1HFH7BN:~$ kubectl config current-context
error: current-context is not set
abhinaya@DESKTOP-1HFH7BN:~$ minikube start
kubectl config use-context minikube
minikube v1.35.0 on Ubuntu 24.04 (amd64)
  Automatically selected the docker driver. Other choices: none, ssh
  Using Docker driver with root privileges
  Starting "minikube" primary control-plane node in "minikube" cluster
  Pulling base image v0.0.46 ...
  Downloading Kubernetes v1.32.0 preload ...
    > preloaded-images-k8s-v18-v1...: 333.57 MiB / 333.57 MiB 100.00% 3.52 Mi
    > gcr.io/k8s-minikube/kicbase...: 500.31 MiB / 500.31 MiB 100.00% 3.57 Mi
  Creating docker container (CPUs=2, Memory=2200MB) ...
  Preparing Kubernetes v1.32.0 on Docker 27.4.1 ...
    ▪ Generating certificates and keys ...
    ▪ Booting up control plane ...
    ▪ Configuring RBAC rules ...
  Configuring bridge CNI (Container Networking Interface) ...
  Verifying Kubernetes components...
    ▪ Using image gcr.io/k8s-minikube/storage-provisioner:v5
  Enabled addons: default-storageclass, storage-provisioner
  Done! kubectl is now configured to use "minikube" cluster and "default" namespace by default
Switched to context "minikube".
abhinaya@DESKTOP-1HFH7BN:~$ kubectl login
error: unknown command "login" for "kubectl"

Did you mean this?
  logs
  plugin
```

```
abhinaya@DESKTOP-1HFH7BN:~$ docker build -t abhinaya2201/ecommerce .
=> transferring context: 2.61MB
0.3s
=> [2/2] COPY build/ /usr/share/nginx/html
0.4s
=> exporting to image
0.1s
=> exporting layers
0.1s
=> writing image sha256:97918e33c80dc6ab0e8b13661c7c25cb0ac6705ea7fef2ea0db2326d966f899b
0.6s
=> naming to docker.io/abhinaya2201/ecommerce
0.6s
abhinaya@DESKTOP-1HFH7BN:~$ docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
abhinaya2201/ecommerce latest             97918e33c80d       46 seconds ago     195MB
abhinaya2201/docker latest             5d52d08036512     2 hours ago        162MB
abhinaya2201/sample 11                dcf39e624e3       3 hours ago        149MB
abhinaya2201/sample 12                dcf39e624e3       3 hours ago        149MB
abhinaya2201/sample 13                dcf39e624e3       3 hours ago        149MB
node                alpine            017616c34fba       5 days ago         162MB
moby/buildkit        buildx-stable-1   9a7c554fb67a       13 days ago        209MB
gcr.io/k8s-minikube/kicbase v0.0.46           e72c4cbe9b20       2 months ago       1.31GB
abhinaya@DESKTOP-1HFH7BN:~$ docker run -it abhinaya2201/ecommerce
Unable to find image 'abhinaya/ecommerce:latest' locally
docker: Error response from daemon: pull access denied for abhinaya/ecommerce, repository does not exist or may require 'docker login': denied:
requested access to the resource is denied

Run 'docker run --help' for more information
abhinaya@DESKTOP-1HFH7BN:~$ capstone$ docker run -it abhinaya2201/ecommerce
/docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration
/docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
/docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
10-listen-on-ipv6-by-default.sh: info: Getting the checksum of /etc/nginx/conf.d/default.conf
10-listen-on-ipv6-by-default.sh: info: Enabled listen on IPv6 in /etc/nginx/conf.d/default.conf
/docker-entrypoint.sh: Sourcing /docker-entrypoint.d/15-local-resolvers.envsh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
/docker-entrypoint.sh: Configuration complete; ready for start up
```

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node           alpine           017616c34fba    5 days ago    162MB
moby/buildkit  buildx-stable-1  9a7c554fb67a   13 days ago   209MB
gcr.io/k8s-minikube/kicbase  v0.0.46         e72c4cbe9b29   2 months ago  1.31GB
abhinaya@DESKTOP-1HFH7BN:/capstone$ docker run -d -p 8000:80 abhinaya2201/ecommerce:latest
f52c927db98f7ebb1cf313c92f70b2fb438dbdbb1dca2ca416b1eb2d4d73c419
docker: Error response from daemon: failed to set up container networking: driver failed programming external connectivity on endpoint clever_me
ninsky (3a9e1f79f60a7ff999a65434864391f31f0f4d87e4d59c6e183150d91241dc7): Bind for 0.0.0.0:8000 failed: port is already allocated

Run 'docker run --help' for more information
abhinaya@DESKTOP-1HFH7BN:/capstone$ sudo lsof -i :8000
[sudo] password for abhinaya:
COMMAND  PID USER  FD   TYPE DEVICE SIZE/OFF NODE NAME
docker-pr 30022 root   7u    IPv4 184645      0t0  TCP *:8000 (LISTEN)
docker-pr 30028 root   7u    IPv6 184646      0t0  TCP *:8000 (LISTEN)
abhinaya@DESKTOP-1HFH7BN:/capstone$ sudo kill -9 8000
kill: (8000): No such process
abhinaya@DESKTOP-1HFH7BN:/capstone$ sudo kill -9 <PID>
bash: syntax error near unexpected token `newline'
abhinaya@DESKTOP-1HFH7BN:/capstone$ docker run -d -p 8000:80 abhinaya2201/ecommerce:latest
1cc363259a59932d5cba4485c97b83bdac8aba04d25db0b986278af6f2738f3
docker: Error response from daemon: failed to set up container networking: driver failed programming external connectivity on endpoint quirky_fa
raday (181f1183eba03650d6a5bcd64fbaee7e6801263efc22d51a5417d374c85796e3): Bind for 0.0.0.0:8000 failed: port is already allocated

Run 'docker run --help' for more information
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COMMAND  PID USER  FD   TYPE DEVICE SIZE/OFF NODE NAME
docker-pr 30022 root   7u    IPv4 184645      0t0  TCP *:8000 (LISTEN)
docker-pr 30028 root   7u    IPv6 184646      0t0  TCP *:8000 (LISTEN)
abhinaya@DESKTOP-1HFH7BN:/capstone$ docker ps | grep 8000
654caa29c3c5  abhinaya2201/ecommerce  "/docker-entrypoint..." 4 minutes ago  Up 4 minutes  0.0.0.0:8000->80/tcp, [::]:8000->80
/tcp
abhinaya@DESKTOP-1HFH7BN:/capstone$ docker stop 654caa29c3c5
docker rm 654caa29c3c5
654caa29c3c5
654caa29c3c5
abhinaya@DESKTOP-1HFH7BN:/capstone$ docker run -d -p 8000:80 abhinaya2201/ecommerce:latest
7c107c3f9a6bd5b823a6702ed870f953ce68f8b01ff9a1c01ddd079f96ba8bb7
abhinaya@DESKTOP-1HFH7BN:/capstone$

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